Listing of Claims

1. (currently amended) A ~~S~~system for detachable joining of beams ~~with~~ of ~~square-and/or~~ rectangular cross-section ~~for respective beam~~ comprising, for each beam to be joined, two or more fixing plates mount~~ed~~able in pairs on opposite sides of ~~the~~ a beam and fix~~ed~~able along a ~~the~~ beam by a friction joint maintained by tightening bolts, ~~whereby respective~~ each fixing plate comprise~~s~~sing a first surface, the exten~~sion~~t of which in at least one direction corresponds to a multiple of one beam width, and a second surface, ~~turned~~ which is adapted to face away from ~~the~~ a beam and which is bearable against the second surface of a fixing plate in a different pair of fixing plates when two or more beams are arranged to be joined in perpendicular and/or parallel directions ~~by at least two opposite to each other arranged fixing plates, which are organized to bear on each other along the respective second surface and whose~~ the ~~mutual~~ relative positions of said fixing plates in different pairs being ~~are~~ fixed by locking elements in recess~~ions~~es in ~~the each other~~ said second facing ~~sides~~ surfaces of the fixing plates ~~and which~~ said locking elements also ~~constitute~~ anchoring ~~of~~ the tightening bolts.

2. (currently amended) A ~~S~~system according to claim 1, wherein the locking elements are made of inner threaded sleeves.

3. (currently amended) A ~~S~~system according to claim 2, wherein ~~the~~ each fixing plate comprises projections arranged at ~~respective~~each corners of the fixing plate.

4. (cancelled)

5. (currently amended) A ~~S~~system according to claim 3, wherein wedges, extending from the projections are arranged to fix the position of the beams in a transverse direction in the friction joint, whereby a shape determined locking of the beams is achieved.

6. (previously presented) A ~~S~~system according to claim 2, wherein the sleeves have

longitudinal slots.

7. (cancelled)